

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000043

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04L, H04M, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6237093 B1 (HARRI VATANEN), 22 May 2001 (22.05.2001), column 2, line 9 - column 3, line 55, abstract --	1-30
X	US 2002138450 A1 (GILLES KREMER), 26 Sept 2002 (26.09.2002), see paragra(s) [0033]-[0039], [0061]-[0066] --	1-30
A	US 6381696 A (MICHAEL D. DOYLE), 30 April 2002 (30.04.2002), abstract --	1-30
A	EP 1187419 A2 (PIONEER CORPORATION MEGURO-KU), 13 March 2002 (13.03.2002), abstract --	1-30

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

1 April 2004

Date of mailing of the international search report

04-05-2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

27/02/2004

International application No.

PCT/FI 2004/000043

US	6237093	B1	22/05/2001	AU	739814	B	18/10/2001
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EP	1187419	A2	13/03/2002	JP	2002082910	A	22/03/2002
				US	2002049915	A	25/04/2002